

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-044429

(43)Date of publication of application : 08.02.2002

(51)Int.Cl.

H04N 1/40
G06F 12/14
G06T 1/00
G09C 5/00
H04N 1/387

(21)Application number : 2000-220017

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(22)Date of filing : 21.07.2000

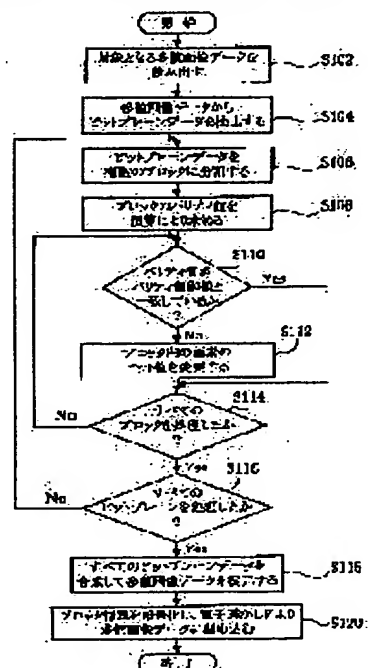
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(54) METHOD AND APPARATUS FOR DETECTING ALTERNATION OF ELECTRONIC DOCUMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To detect an altered part of an electronic document even if the electronic document has tempered.

SOLUTION: A bit plane extracting section 41 reads out objective multivalued image data from a hard disc drive 36 (S102) and extracts the data of bit plane from that multivalued image data (S104). A parity operating section 43 selects some block out of a plurality of divided blocks and operates the parity value of that block, using the bit value of $N \times N$ pixels contained in that block (S108). A condition-deciding section 44 makes a decision whether the operated parity value of that block matches a parity control value (S110). A bit value altering section 45 alters the bit value by any of four pixels in that block for a block, where the operated parity value does not match the parity control value (S112).



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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